



Proplant®

Proplant is a systemic fungicide for the control of damping-off (pythium spp.) in ornamentals.

Active Ingredient: 605g/litre propamocarb

Chemical Group: carbamate

Formulation: Suspension concentrate

Pack Size: 1 Litre

Compatibility: Compatible with most commonly used fungicides and insecticides. Do not mix with foliar fertilisers.



WHEN QUALITY COMES FIRST....

Throughout the world, Proplant® has become the fungicide of choice for professional growers. Proplant® offers excellent long-lasting systemic protection against damping-off in ornamentals. It can be used with confidence for the protection of seedlings and young plants – independent of growth stage – against all major Oomycete soil fungi without causing crop stress or risk of phytotoxicity.

- ◆ **Proplant has a multiple mode of action within the plant.**
 - After soil application, Proplant is rapidly taken up by the roots and transported throughout the plant. Proplant stops growth and development of the fungus, providing longlasting protection of the plant against further attack.
- ◆ **Proplant degrades rapidly in the soil and under normal conditions does not leach into the groundwater.**
- ◆ **Proplant is selective to a wide range of ornamental species.**
- ◆ **Proplant has excellent activity on pythium, with proven suppression of phytophthora.**
- ◆ **Proplant stimulates plant growth.**
 - By promoting germination, emergence and rooting, Proplant encourages seedlings and young plants to develop more rapidly, more uniformly and more vigorously.

Attack by Oomycete soil fungi can cause extensive yield losses...

Destructive Oomycete soil fungi of the genera Pythium and Phytophthora are widely distributed and first invade plants at an early stage in the seedbeds. They cause rot, damping-off, seedling rot, root rot and stem rot which can lead to extensive yield losses of as much as 100%.

Recommendations for the control of damping off (*Pythium spp*) in ornamentals

Seedling and seed bed treatment	Mix 1.5ml/litre of water and apply 2 litres of solution per square metre as a soil drench. Prick out seedlings as soon as soil has dried sufficiently to be worked.
Cuttings - soil treatment	Mix 1.5ml/litre of water. Apply 2 litres of solution per square metre immediately after setting and repeat at 3 weekly intervals. Normally 3-4 treatments are adequate.
- plants	Dip into solution of 1.5ml/litre of water
Pot plants	Mix 1.5 ml/litre of water. Drench or dip young plants prior to potting out. Immediately after planting apply 100mls of solution per 100-110mm pot, 150ml per 120-130mm pot and repeat at 3 weekly intervals. Normally 3-4 treatments are adequate.
Bulk soil	Apply 250-300ml in 10-20 litres of water per cubic metre of soil and mix thoroughly. Preventative treatment in bulk soil for pot plants is recommended.

Proplant® has been successfully used at the recommended dosages on the following plants overseas:

Adiantum (pot plants)	Chlorophytum	Gloxinia	Phalaenopsis
Aechmea spp.	Chrysanthemum indicum	Gevillea spp.	Philodendron spp.
Aeschynanthus spp.	(also cuttings)	Gynura	Phlox
Ageratum (seed sowing)	Chrysanthemum segeium	Hedera hellix (Ivy)	Pilea spp.
Alyssum	(seed sowing)	Helichrysum (immortalle)	Polypodium (pot plants)
Anemone (see Ranunculus)	Cineraria (see Senecio)	Impatiens	Polyscias (lace aralia)
Anthurium spp	Clerodendron	Iris	Primula spp.
Antirrhinum (snapdragon)	Clematis	Kalanchoe	Ranunculus (anemone)
Aphelandra dahlia	Codiaeum variegatum	Leptospermum	Rosa (seed sowing)
Aralla (pot plants)	Coleus	Lilium	Saintpaulia
Asparagus spp.	Cyclamen	Lobelia (seed sowing)	Scindapsus or
			Rhadphiphora
Aster (see Callistephus)	Delphinium	Maranta	Senecio cruentus
Azalea	Dianthus	Matthiola (stock)	Solanum capsicastrum
Banksia spp.	Dieffenbachia	(seed sowing)	Streptocarpus
Begonia semperflorens	Dracaena spp.	Melaleuca spp.	Strobliantes
Begonia tuberhybrida	Erica gracillis	Mesembryanthemum	Syngonium
Bromelide	Eucalyptus spp.	Mikania appliolia	Tagetes (seed sowing)
Brunfelsia calycina	Euphorbia pulcherrima spp.	Monstera deliciosa	Triatania spp.
Calceolaria	Fatshedera lizel	Nemesia	Tulips (tulip)
(also seed sowing)	Fatsia japonica	Orchids (all species)	Verbena
Calendula	Ficus spp.	Oxalis hedyacharoides	Viola tricolour (pansy)
Callstemon	Fittonia	Pachystachys spp.	(also seed sowing)
Callistephus (summer aster)	Fuchsia	Pelargonium spp.	Vriesia spendens
(seed sowing)	Gerbera jamasonil	Peperomia spp.	Zinnia (seed sowing)
Carnation		Petunia (seed sowing)	

To check the safety of Proplant® N on other species, it is recommended to treat a few plants and wait to see the effect.

Distributed by: Adria New Zealand Limited. P.O. Box 535 Kumeu, Auckland 1250, NEW ZEALAND. Ph: +64-9-412-9817; Fax: +64-9-412-9807; E-mail: adria@xtra.co.nz

®Proplant is a registered trademark of Chimac-Agriphar S.A. Belgium.

